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TITLE: MANUFACTURE OF DATA RECORDING BOARD
WITH GUIDE GROOVE
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ABSTRACT:

PURPOSE: To prevent bubbles from remaining in hardening resin by a method wherein the space between a board and a stamper is evacuated.

CONSTITUTION: Ultraviolet-curing resin 2 is applied on a disc board 1 made of glass at the middle part radially. The disc board 1 and a stamper 3 are laminated to each other after the board 1 is turned upside down so as to face the resin 2 downward. Next, after the laminated board 1

and the stamper 3 are placed in a processing vessel 4, the space between the board 1 and the stamper 3 is evacuated so as to remove bubbles left in the resin 2 and, under the above-mentioned state, to pressurize from both sides in order to produce a voidless and uniform resin film 2a between the board 1 and the stamper 3. Next, under the state that both board 1 and the stamper are fixed to each other by pressure, ultraviolet rays 8 are irradiated through a glass top plate 7 on the board 1 so as to produce guide grooves 9 by curing the resin film 2a. Next, the laminated board 1 and the stamper 3 are removed from the processing device 4 and finally both the board and the stamper are separated from each other.

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